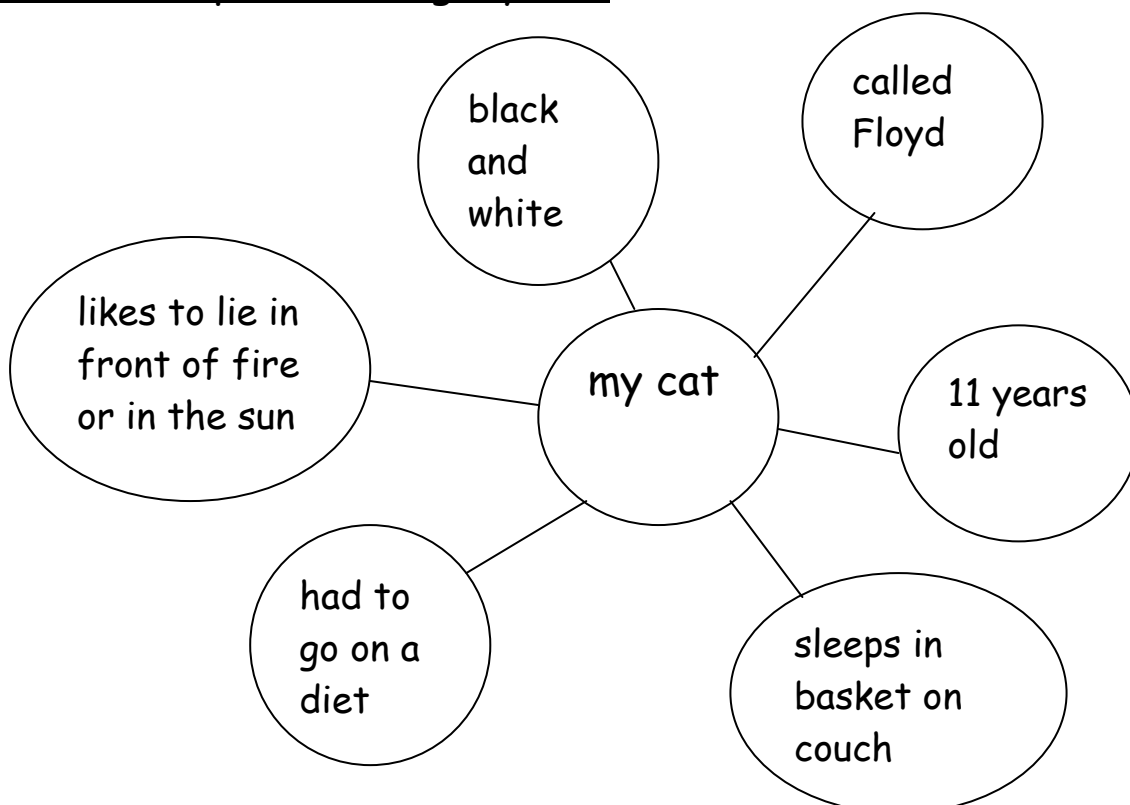


What is a Bubble Map and when could I use one?

A Bubble Map is a centre circle or 'bubble' surrounded by other circles, or 'bubbles'. I can write my topic in the centre bubble, and words that describe it in the surrounding bubbles.

I could use one to help me show my thinking when I want to list, or describe my ideas. It is a multistructural thinking tool.

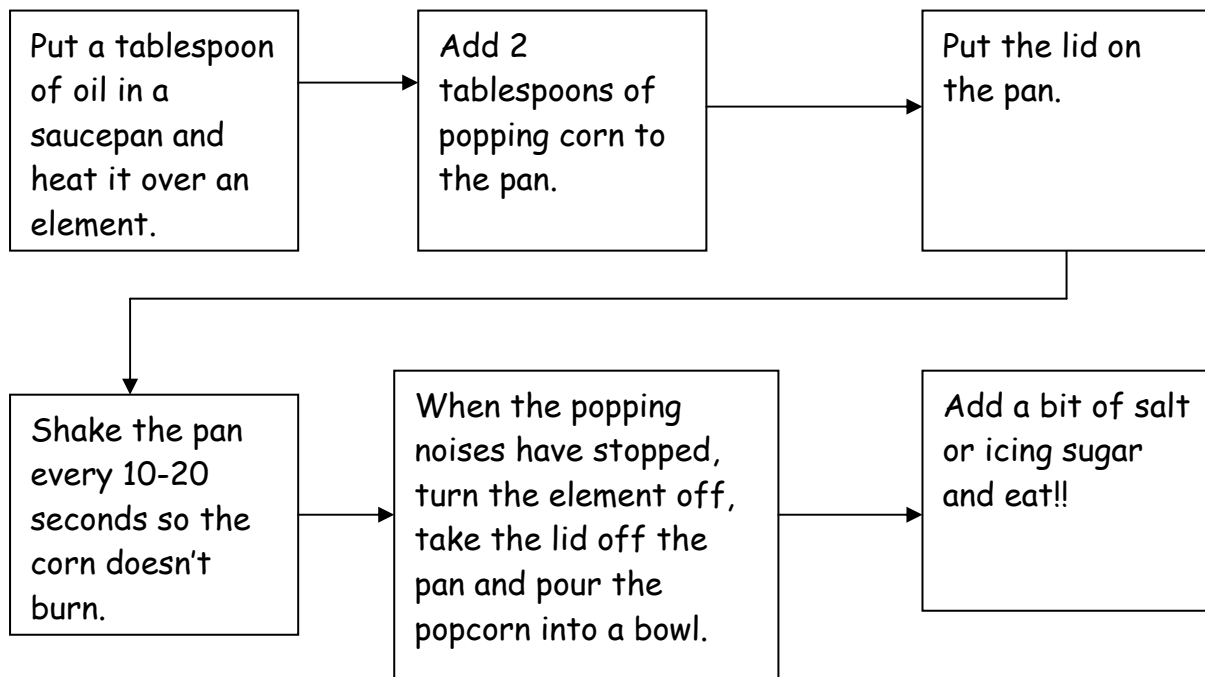
A Bubble Map describing my cat.



What is a Flow Chart and when could I use one?

A Flow Chart is a number of boxes that are joined by arrows. I can write each step in a process in each of the boxes, in the order/sequence they happen. I could use one to help me show my thinking when I want to sequence my ideas. It is a relational thinking tool.

Flow chart for making popcorn



What is a KWL chart and when could I use one?

A KWL chart looks like a PMI chart with three columns. In the first column you write "What I know" about an idea. In the middle column, you write "What I want to know" about the idea, and in the last column, you write "What I have learnt" about the idea. You fill the first two columns in at the start of an investigation and fill the last column in at the end of the investigation.

I could use one to help me show my thinking when I want to reflect on my ideas. It is an extended abstract thinking tool.

A KWL chart about cats

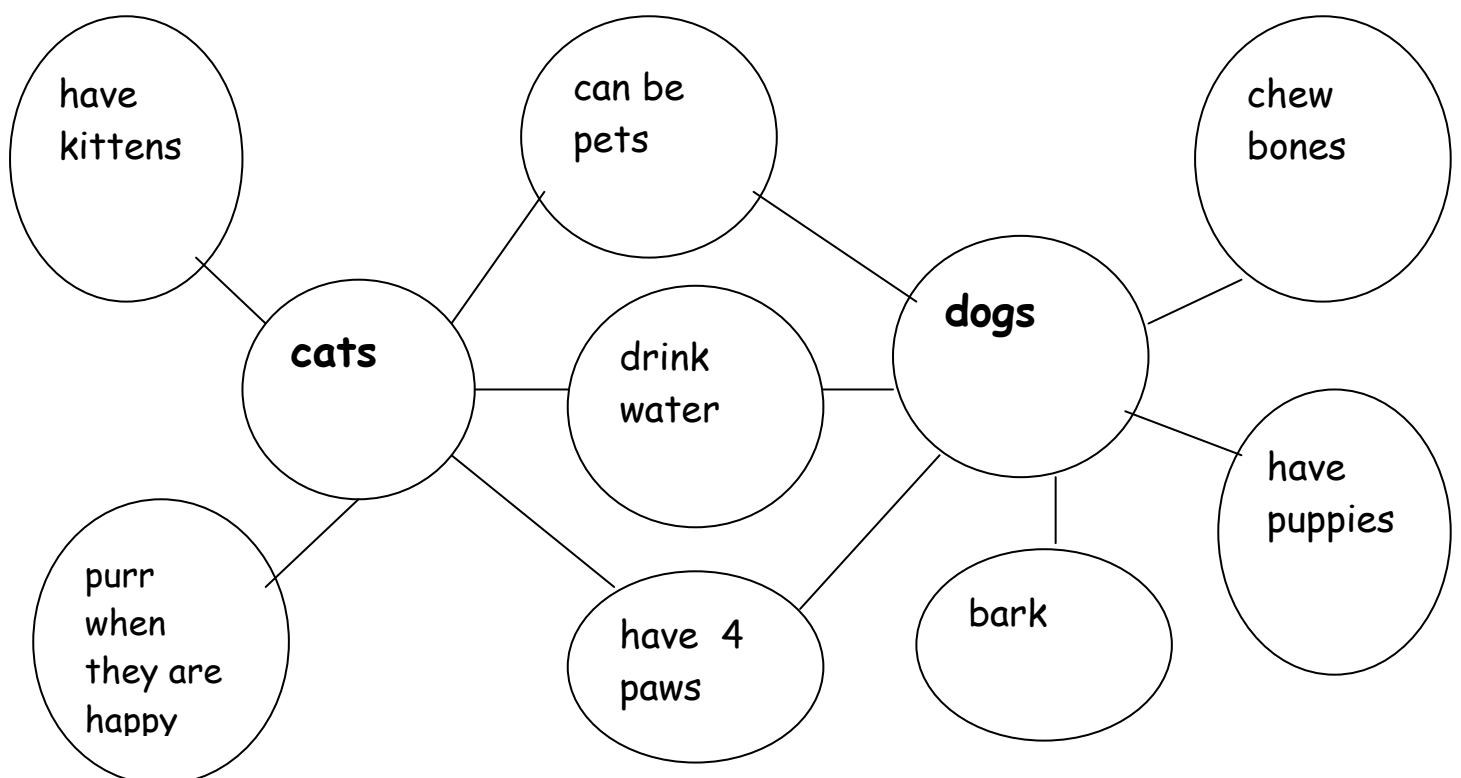
What I <u>know</u>	What I <u>want</u> to know	What I have <u>learnt</u>
<ul style="list-style-type: none">• Cats have four paws with claws• Cats have fur• Cats can be black, white, ginger, stripy, brown• Most cats have green eyes• Cats usually have 2 or 3 kittens at once	<ul style="list-style-type: none">• How do cats see in the dark?• What do cats use their whiskers for?• Why do cats twitch their ears?	<ul style="list-style-type: none">•

What is a Double Bubble Map and when could I use one?

A Double Bubble Map is like two Bubble Maps side by side, but some of the outside bubbles are shared by both inside bubbles. I can write things that are different in the outside bubbles, and things that are the same in the shared (middle) bubbles.

I could use a Double Bubble Map to help me show my thinking when I want to compare and contrast my ideas. It is a relational thinking tool.

A Double Bubble Map comparing and contrasting cats and dogs.

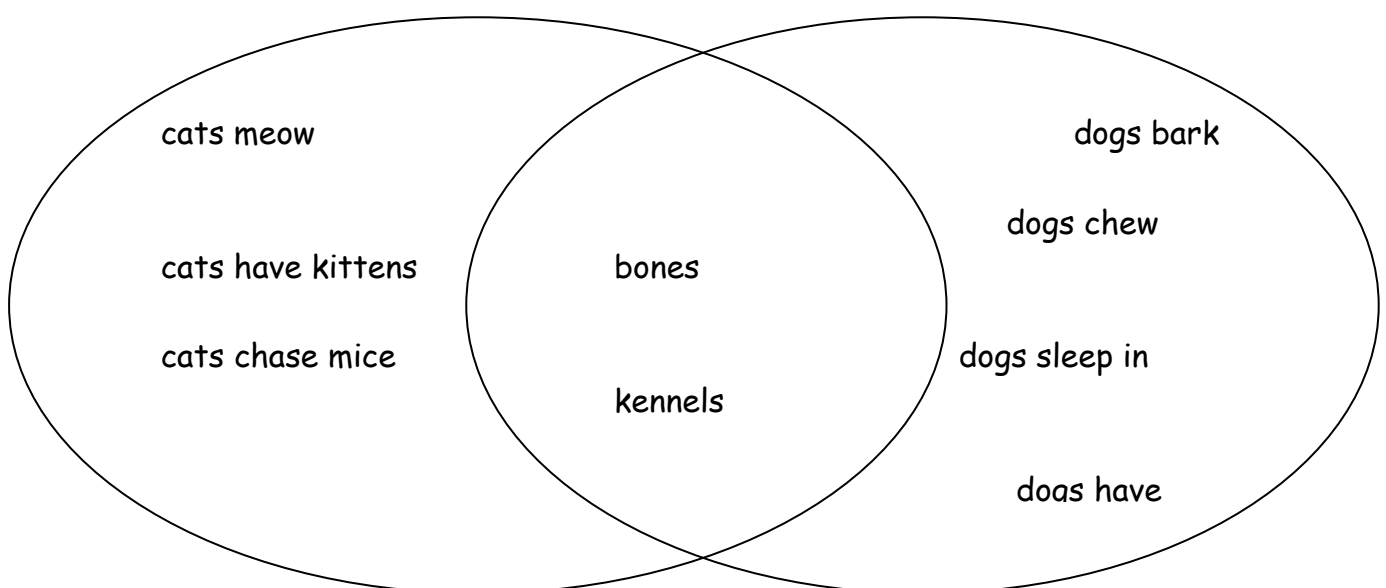


What is a Venn Diagram and when could I use one?

A Venn Diagram is 2 circles or ovals that overlap. I can write things that are different in each circle, and things that are the same in the overlapping (middle) space.

I could use one to help me show my thinking when I want to compare and contrast my ideas. It is a relational thinking tool.

A Venn Diagram comparing and contrasting cats and dogs.



What is a PMI chart and when could I use one?

A PMI chart looks like a T chart with three columns. In the first column you write the **positive** things about a plan, an idea or an event. In the middle column, you write the **minus** or negative things, and in the last column, you write the things which are **interesting**.

I could use one to help me show my thinking when I want to reflect on my ideas. It is an extended abstract thinking tool.

A PMI chart about eating lunch inside in Term 3

P	M	I
<ul style="list-style-type: none">• We don't have to sit on the cold concrete• It is warm in our classroom	<ul style="list-style-type: none">• Our desks sometimes get messy• Our floor sometimes get messy	<ul style="list-style-type: none">• Our rubbish bin gets full

What is a Concept Frame and when could I use one?

A Concept Frame is a box divided into 4 spaces. In each space I write different types of thinking about an idea (concept).

I could use one to help me to sort out (classify) my thinking about an idea (concept). They are a relational thinking tool.

Concept frame..... Streams

can be ... (possibilities)	examples ...
are ... (qualities)	have ... (all or most)

What is a Y-chart and when could I use one?

A Y-chart looks like a giant Y. You write in the spaces around the sticks. In one space you write **"What it looks like"**. In another space you write **"What it feels like"**, and in the third space you write **"What it sounds like"**.

I could use a Y-Chart to help my thinking when I want to classify my ideas. It is a relational thinking tool.

A Y-chart about respect

What does respect

